BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

					Estimate Cost Rs.			40.00 Lakhs	
Name of Work:-Construction of RCC drain at Attur layout and surrounding area in ward no 03									
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no143, PWD SR 2018-19)	Cum							
	1st main road, Akshayanagara		1	364.00	0.90	0.75	245.70		
	4th A Main road Chikkadinne		1	160.00	0.90	0.75	108.00		
							353.70	137.80	48740.00
	Basic Rate	130.00							
	Area Weightage @ 6%	7.80							
	Total	137.80							
2	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/ kanker/ Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no136,PWD SR 2018-19)	Cum							
			Vide Item No. 1				353.70	60.42	21371.00
	Basic Rate	57.00							
	Area Weightage @ 6%	3.42							
	Total	60.42							
3	KSRRB M2100 PCC 1 KSRRB M2100-10 Plain cement concrete M10 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 (P No. 222/27.18)	Cum							
	1st main road, Akshayanagara		1	364.00	0.90	0.15	49.14		
	4th A Main road Chikkadinne		1	160.00	0.90	0.15	21.60		

							70.74	5421.90	383545.00
	Basic Rate	5115.00							
	Area Weightage @ 6%	306.90							
	Total	**5421.90**							
4	Providing laying palin / reinforced cement concrete for Side Drain using M20 normal mix concrete with OPC cement at 300kgs with 20 mm and down size granite metal coarse aggregates @0.69cum and fine aggregates @machine mixed, Well compacted for wall and bottom including centering shuttering Cost of material HOM of machinery curing etc excluding cost of steel as per MORTH Specification No. 1500,1700,2200 walls & bottomof thicknes 15(Page 271 / Item No. 37.59.2)	Cum							
	1st main road, Akshayanagara		1	364.00	0.60	0.15	32.76		
	Side walls		2	364.00	0.15	0.60	65.52		
	4th A Main road Chikkadinne		1	160.00	0.60	0.15	14.40		
	Side walls		2	160.00	0.15	0.60	28.80		
							141.48	**7070.20**	**1000292.00**
	Basic Rate	**6670.00**							
	Area Weightage @ 6%	400.20							
	Total	**7070.20**							
5	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr2018-19,p.no18,s.no4.46)	Tonne,s							
	0.065 tonne,s / cum						**9.20**	**75809.08**	**697155.00**
	Basic Rate	**71518.00**							
	Area Weightage @ 6%	4291.08							
	Total	**75809.08**							
6	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge (Approved Data Rate)	Sqm							
	Covering slab								
	1st main road, Akshayanagara		1	364.00	0.90		327.60		

4th A Main road Chikkadinne, Attur		2	160.00	0.90		288.00		
						471.60	2700.00	1273320.00
							Sub Total	3424423.00
GST 12%								410931.00
KRIDL Charges 4.5%								154099.00
Miscellaneous & Unforeseen Charges								10,547.00
							TOTAL	4000000.00
(Rupees forty lakhs only)								

CERTIFICATE :-

1 The work spot has been inspected and the work is found neccessary.
2 This estimate is prepared as per P.W.D S.R of 2018-19
3 The provisions were made in this estimate are neccessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
ward No 03

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Satellite Town Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

Administrative Approval

Accorded For R.S.H.R. Alaraheemly
Head of A/C..P.1991.....
CER NO :...121..... Dt:08.01.2019

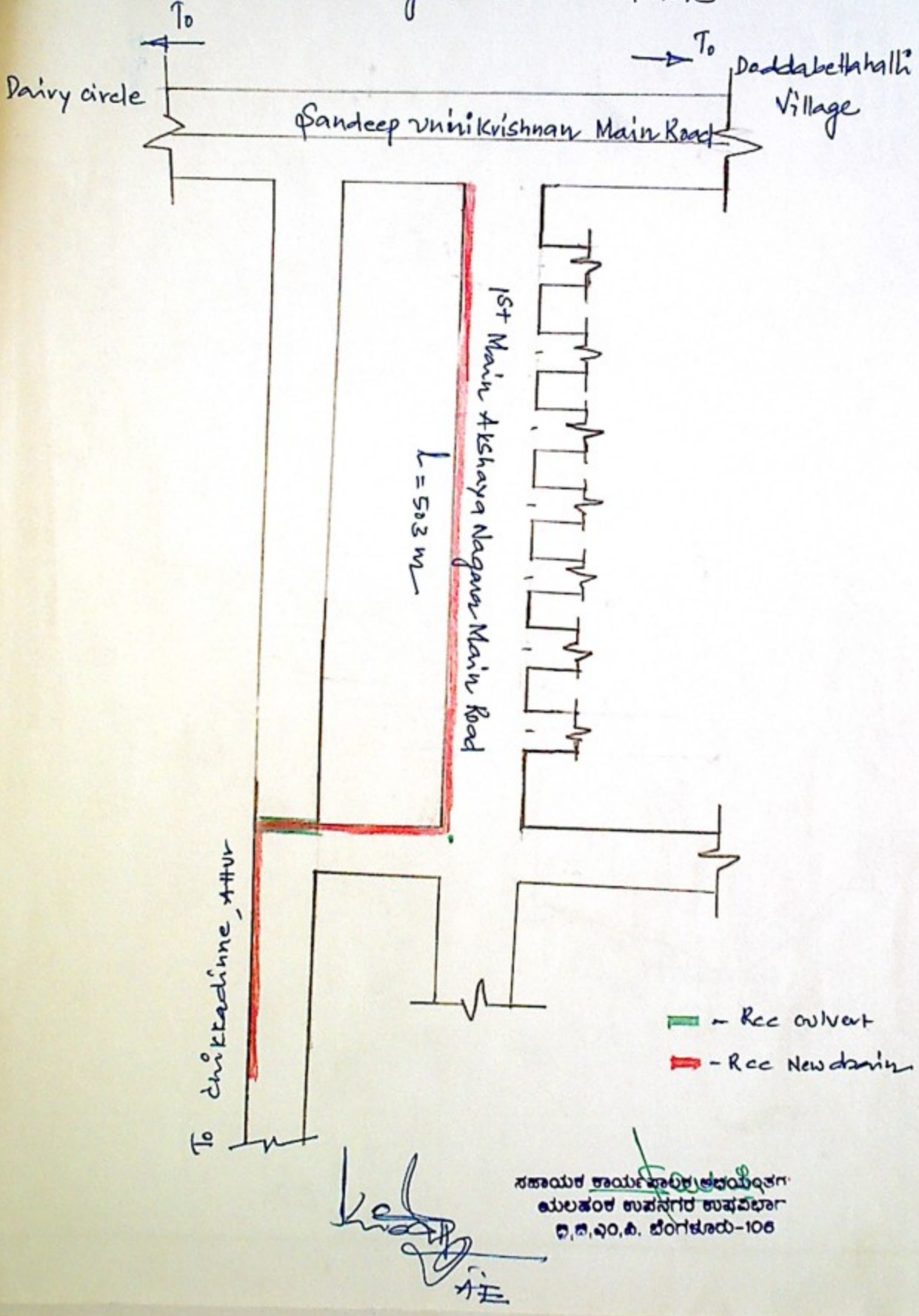
TA CE (YNK)

Technical Sanction

Accorded For R.S.H.R. Alaraheemly
Head of A/C..P.1991.....
CER NO :...20.6..... Dt:08.01.2019

TA CE (YNK)

Name of Work: construction of Rcc drain at Attur Layout and Surrounding Area in Ward no: 3



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